

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049470.D
 Acq On : 28 Jun 2022 19:53
 Operator : SY/MD
 Sample : N3458-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622

Quant Time: Jun 29 05:22:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

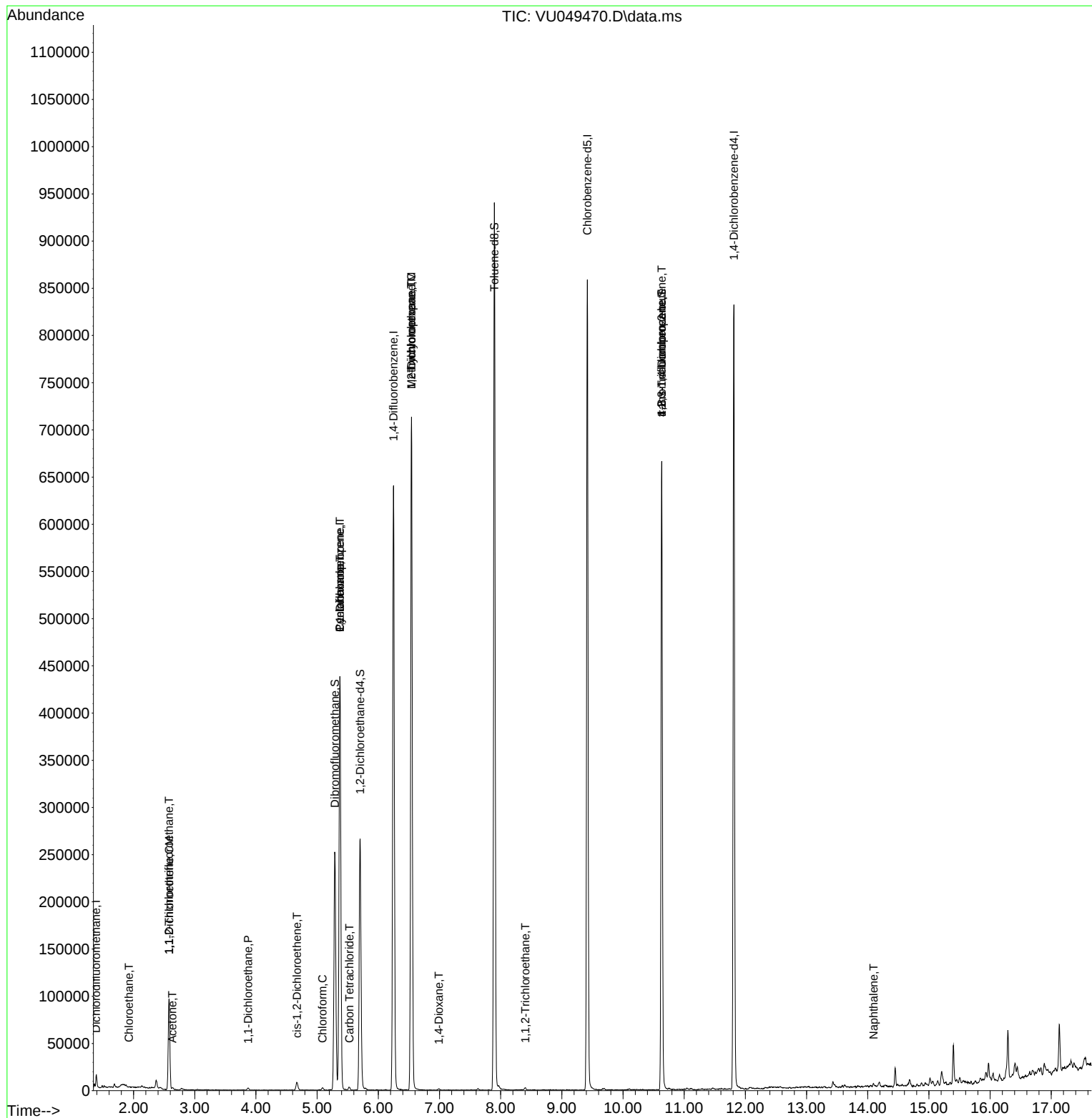
Internal Standards						
1) Pentafluorobenzene	5.372	168	303817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	527739	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	471086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	201596	43.085	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.180%
35) Dibromofluoromethane	5.289	113	163604	44.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.620%
50) Toluene-d8	7.896	98	630322	47.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	10.632	95	231187	45.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1849	0.379	ug/l	85
3) Chloromethane	1.520	50	1757	Below Cal		92
6) Chloroethane	1.922	64	104	1.959	ug/l #	44
9) 1,1,2-Trichlorotrifluo...	2.578	101	35484	10.528	ug/l	97
12) 1,1-Dichloroethene	2.581	96	2507	0.760	ug/l	95
16) Acetone	2.633	43	2028	0.859	ug/l #	83
20) Methylene Chloride	3.054	84	220	Below Cal	#	58
24) 1,1-Dichloroethane	3.871	63	2789	0.381	ug/l #	82
27) cis-1,2-Dichloroethene	4.671	96	4407	1.072	ug/l	92
30) Chloroform	5.089	83	2279	0.315	ug/l	85
31) Cyclohexane	5.372	56	6453	0.918	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24180	4.517	ug/l #	48
38) Carbon Tetrachloride	5.527	117	2214	0.394	ug/l	86
39) Methylcyclohexane	6.539	83	2856	0.445	ug/l #	1
44) Trichloroethene	6.543	130	238714	62.126	ug/l	88
45) 1,2-Dichloropropane	6.539	63	1041	0.232	ug/l #	1
49) 1,4-Dioxane	6.989	88	1245	9.674	ug/l #	1
55) 1,1,2-Trichloroethane	8.404	97	1021	0.257	ug/l	90
76) 1,2,3-Trichloropropane	10.632	75	115705	15.446	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	115705	57.040	ug/l #	15
95) Naphthalene	14.095	128	2531	1.877	ug/l #	95

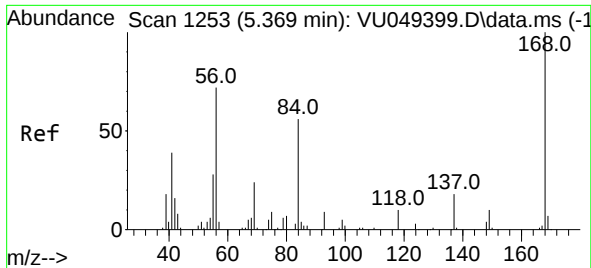
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
Data File : VU049470.D
Acq On : 28 Jun 2022 19:53
Operator : SY/MD
Sample : N3458-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

Quant Time: Jun 29 05:22:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration

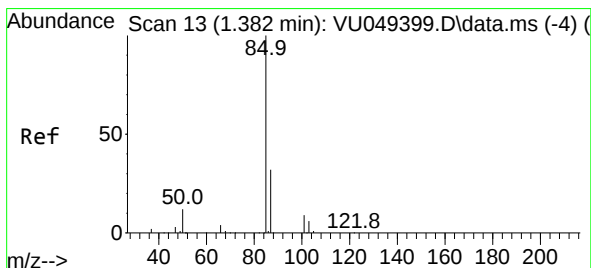
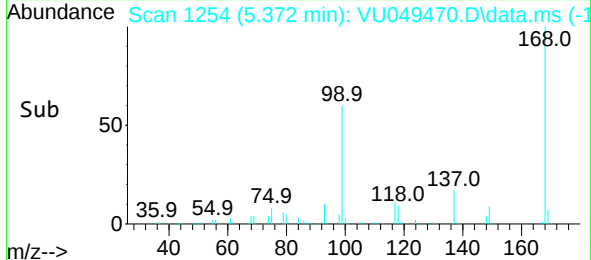
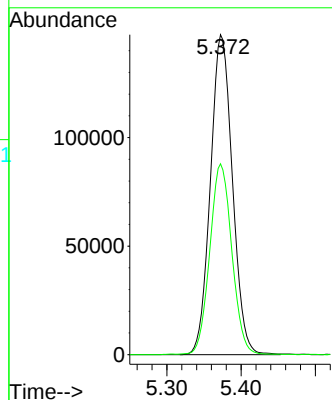
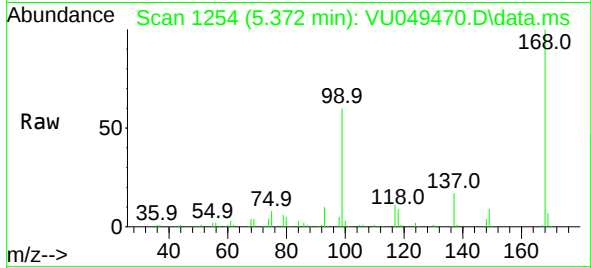




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

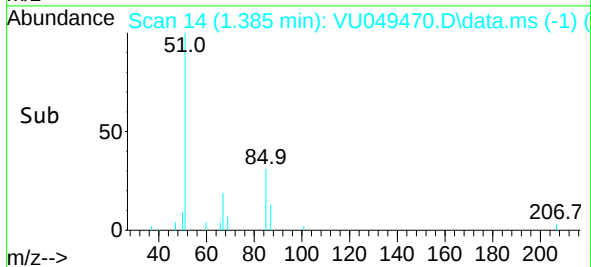
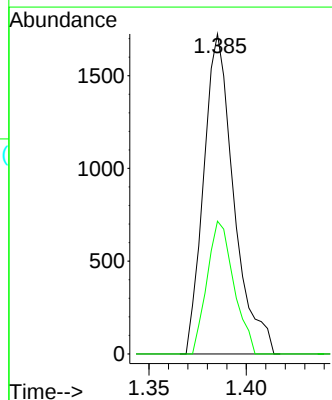
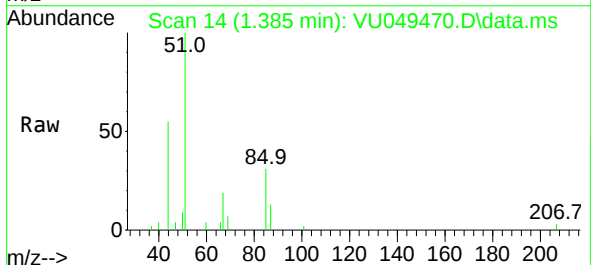
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

Tgt Ion:168 Resp: 303817
Ion Ratio Lower Upper
168 100
99 59.5 39.3 58.9#

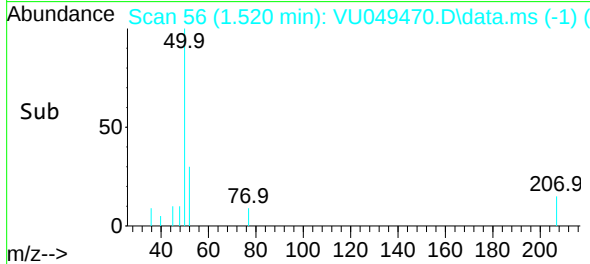
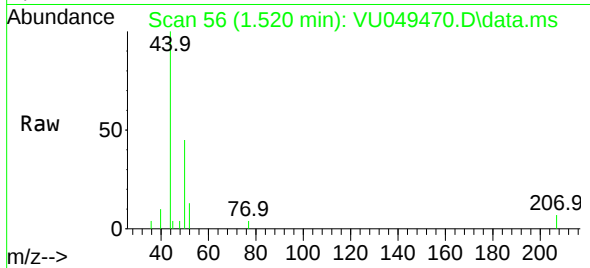
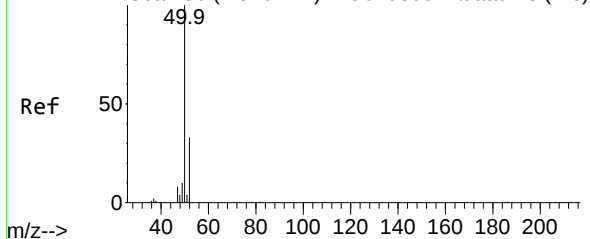


#2
Dichlorodifluoromethane
Concen: 0.379 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 85 Resp: 1849
Ion Ratio Lower Upper
85 100
87 41.5 16.4 49.2



Abundance Scan 56 (1.520 min): VU049399.D\data.ms (-46)



#3

Chloromethane

Concen: Below Cal

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU049470.D

Acq: 28 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

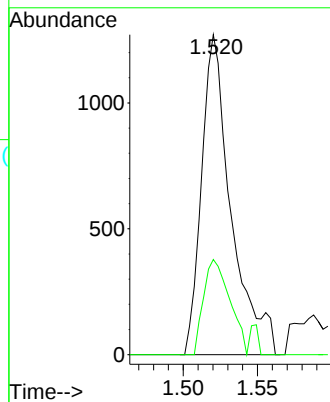
RE114D2-20220622

Tgt Ion: 50 Resp: 1757

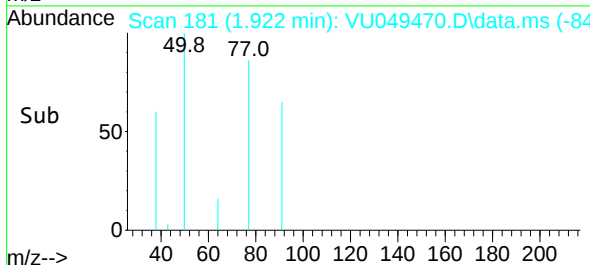
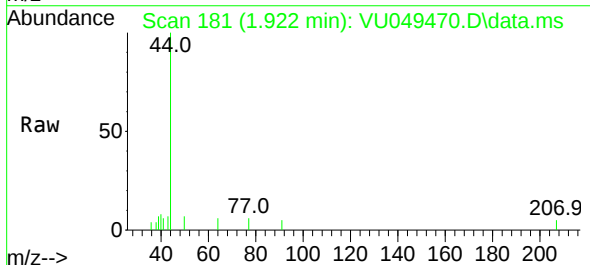
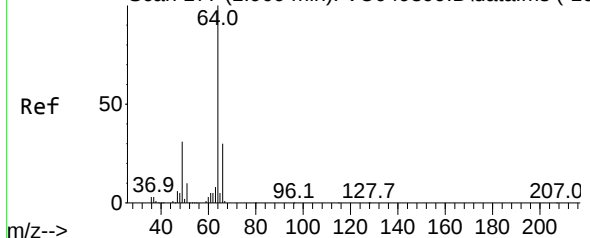
Ion Ratio Lower Upper

50 100

52 29.7 27.4 41.2



Abundance Scan 177 (1.909 min): VU049399.D\data.ms (-16)



#6

Chloroethane

Concen: 1.959 ug/l

RT: 1.922 min Scan# 181

Delta R.T. 0.013 min

Lab File: VU049470.D

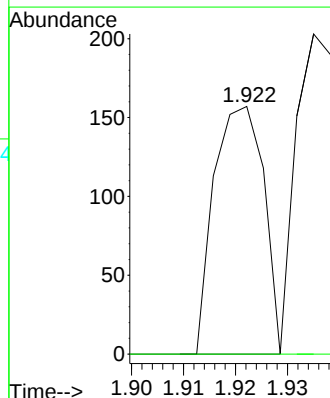
Acq: 28 Jun 2022 19:53

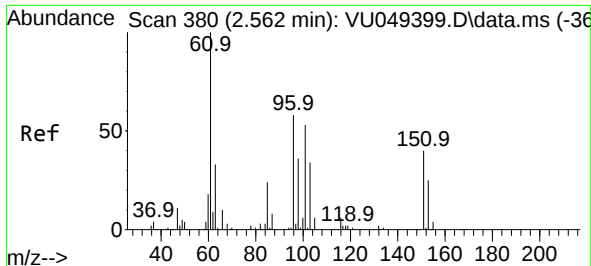
Tgt Ion: 64 Resp: 104

Ion Ratio Lower Upper

64 100

66 0.0 24.7 37.1#

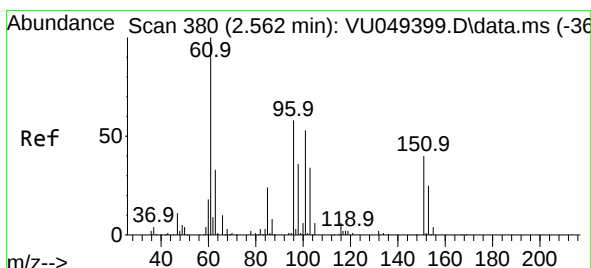
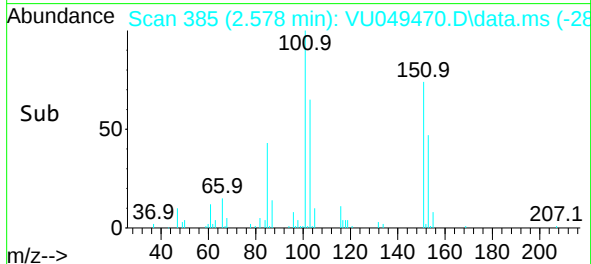
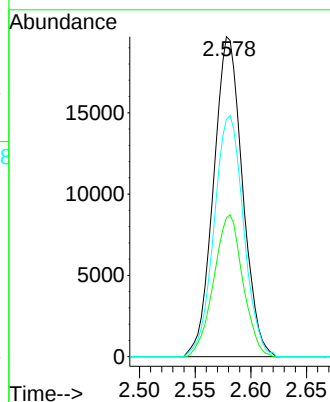
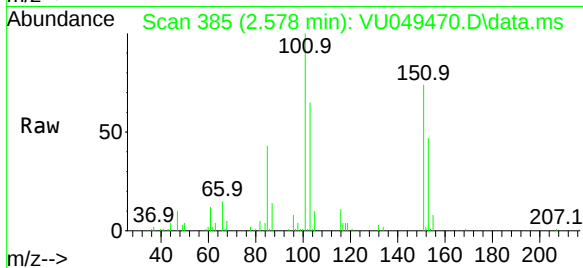




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.528 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

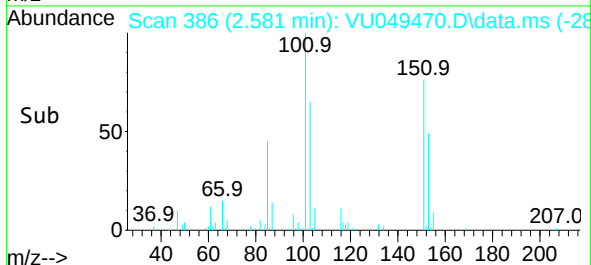
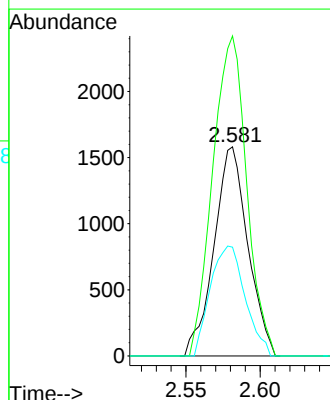
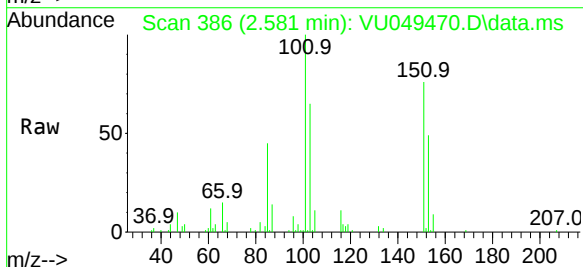
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

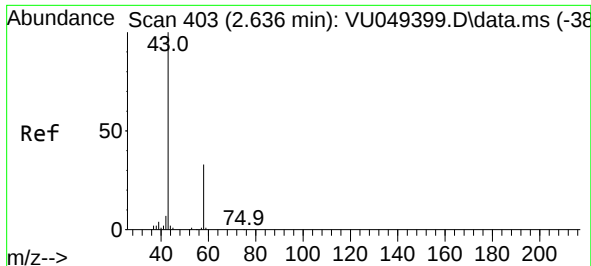
Tgt Ion:101 Resp: 35484
Ion Ratio Lower Upper
101 100
85 44.6 33.9 50.9
151 77.1 64.0 96.0



#12
1,1-Dichloroethene
Concen: 0.760 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 96 Resp: 2507
Ion Ratio Lower Upper
96 100
61 153.1 122.2 183.2
98 52.0 50.7 76.1

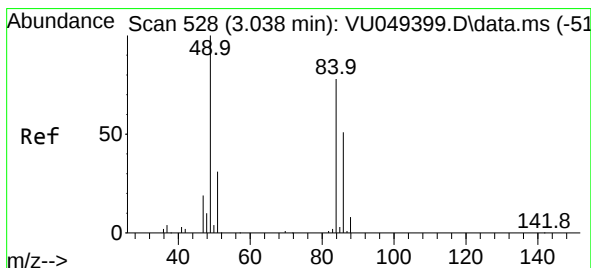
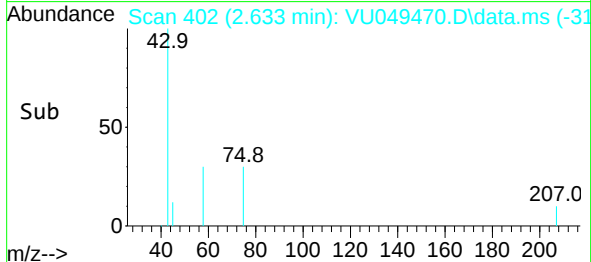
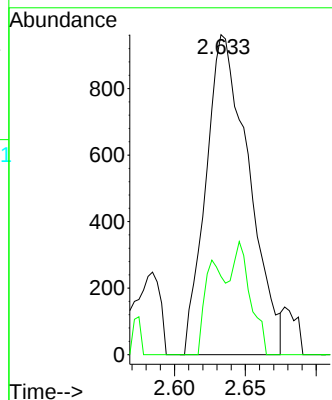
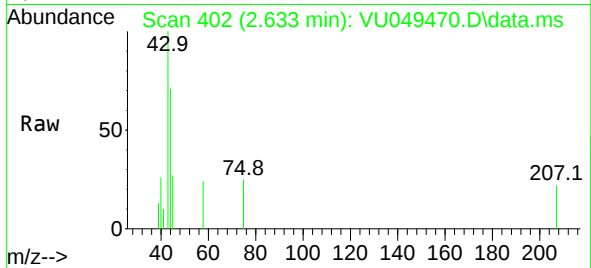




#16
Acetone
Concen: 0.859 ug/l
RT: 2.633 min Scan# 40
Delta R.T. -0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

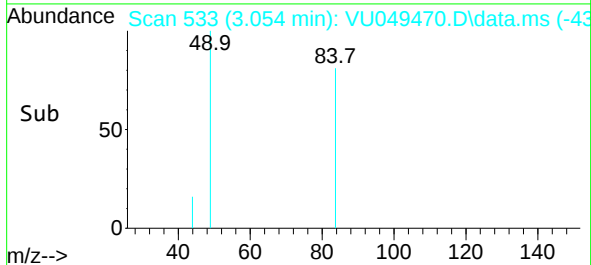
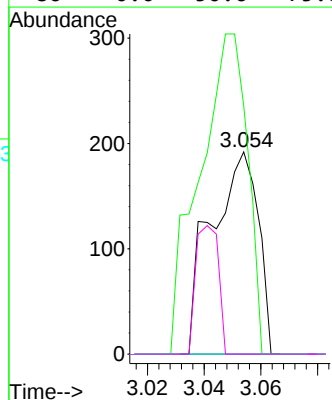
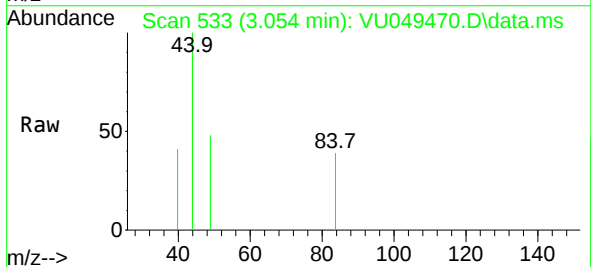
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

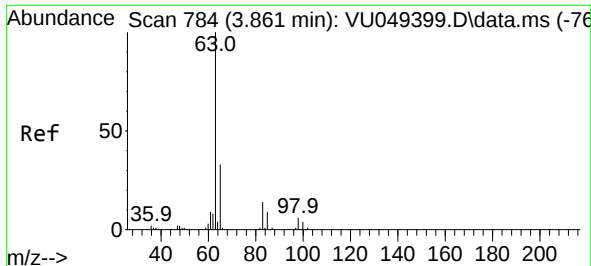
Tgt Ion: 43 Resp: 2028
Ion Ratio Lower Upper
43 100
58 24.4 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.054 min Scan# 533
Delta R.T. 0.016 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 84 Resp: 220
Ion Ratio Lower Upper
84 100
49 122.9 86.6 129.8
51 0.0 26.6 40.0#
86 0.0 50.6 75.8#

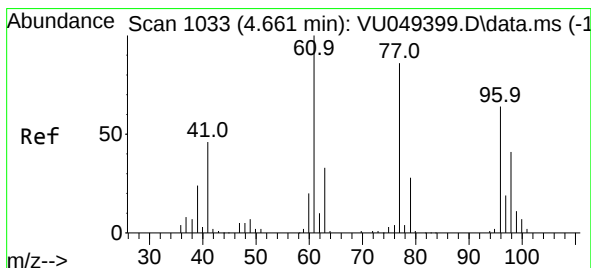
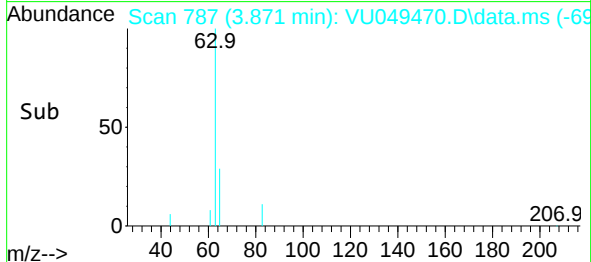
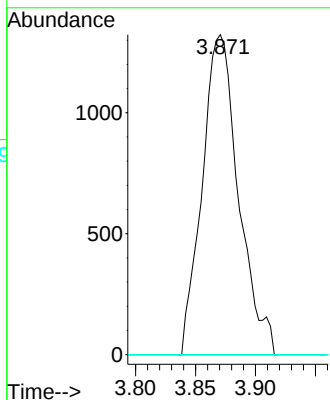
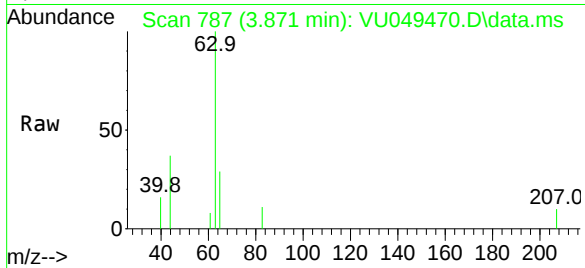




#24
1,1-Dichloroethane
Concen: 0.381 ug/l
RT: 3.871 min Scan# 71
Delta R.T. 0.010 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

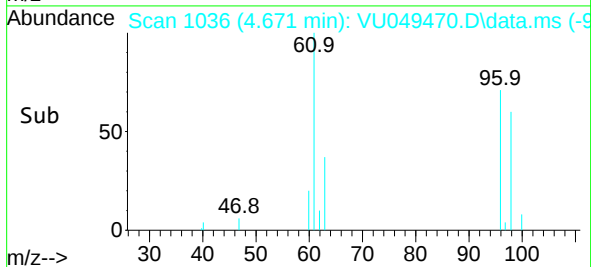
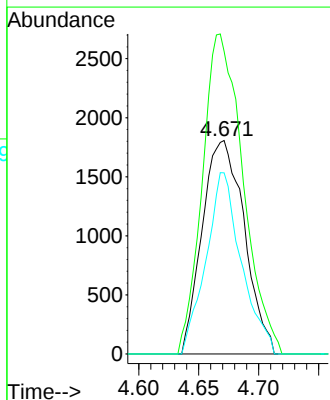
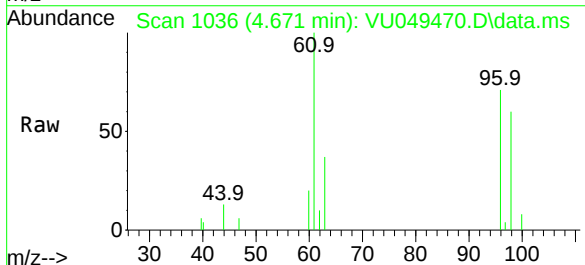
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

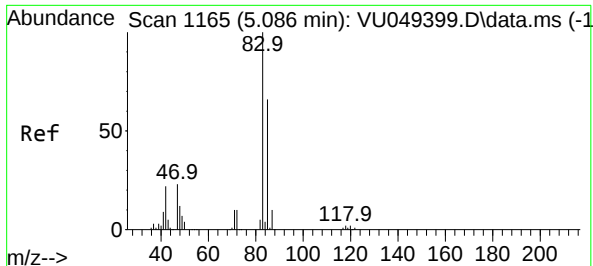
Tgt Ion: 63 Resp: 2789
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.4 7.2#



#27
cis-1,2-Dichloroethene
Concen: 1.072 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 96 Resp: 4407
Ion Ratio Lower Upper
96 100
61 144.7 0.0 271.6
98 71.3 0.0 128.2





#30

Chloroform

Concen: 0.315 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU049470.D

Acq: 28 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

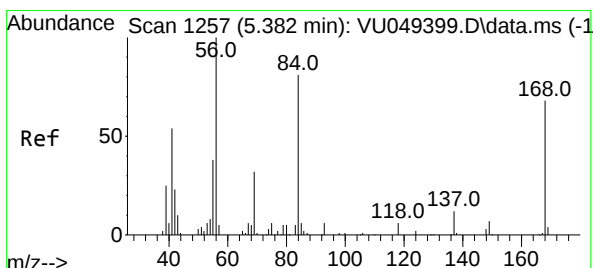
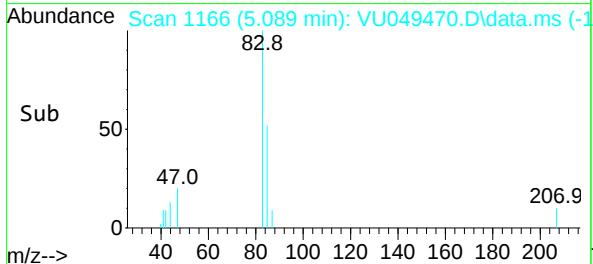
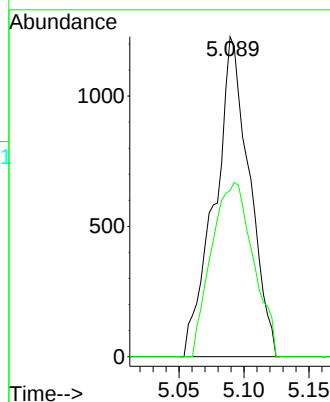
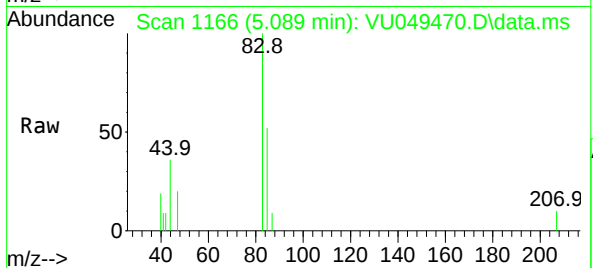
RE114D2-20220622

Tgt Ion: 83 Resp: 2279

Ion Ratio Lower Upper

83 100

85 52.0 51.2 76.8



#31

Cyclohexane

Concen: 0.918 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.009 min

Lab File: VU049470.D

Acq: 28 Jun 2022 19:53

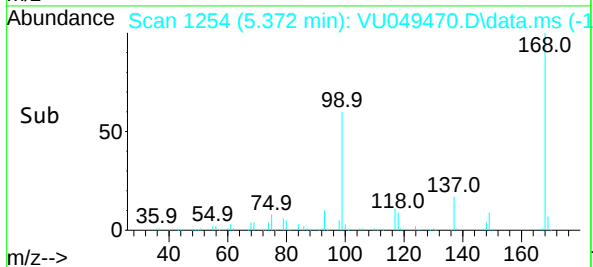
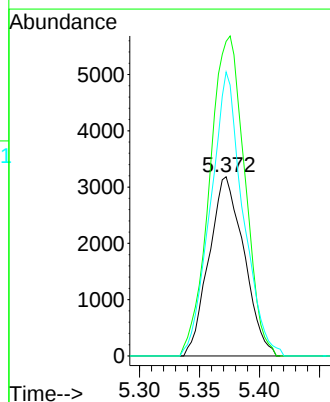
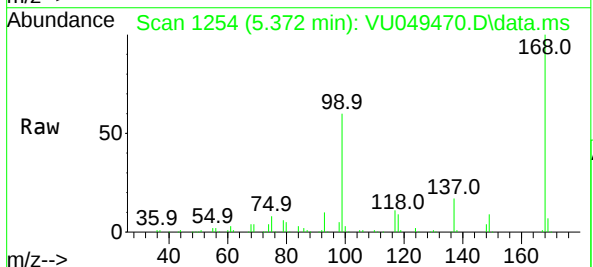
Tgt Ion: 56 Resp: 6453

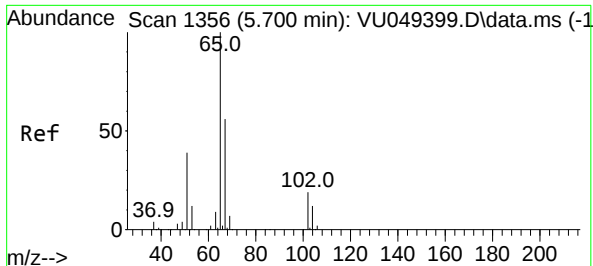
Ion Ratio Lower Upper

56 100

69 175.5 27.8 41.8#

84 158.5 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 43.085 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049470.D

Acq: 28 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

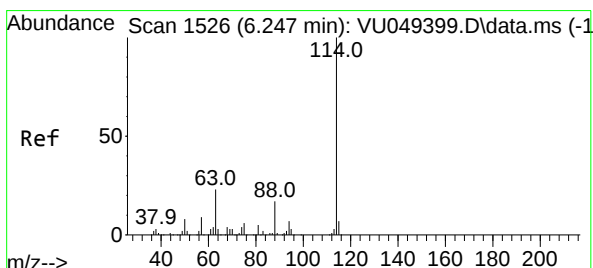
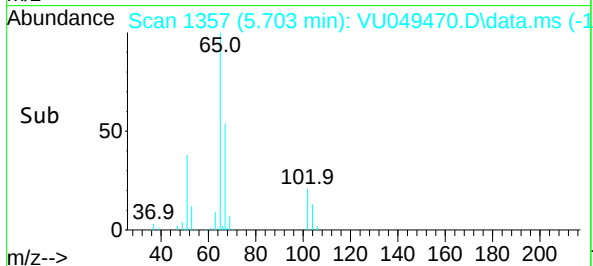
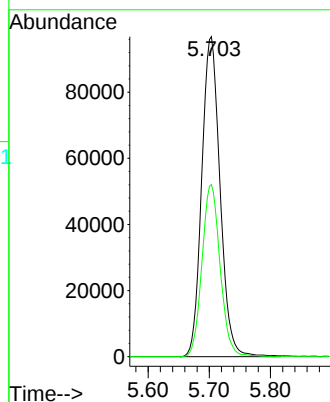
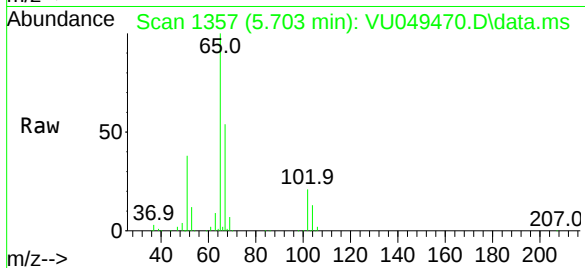
RE114D2-20220622

Tgt Ion: 65 Resp: 201596

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049470.D

Acq: 28 Jun 2022 19:53

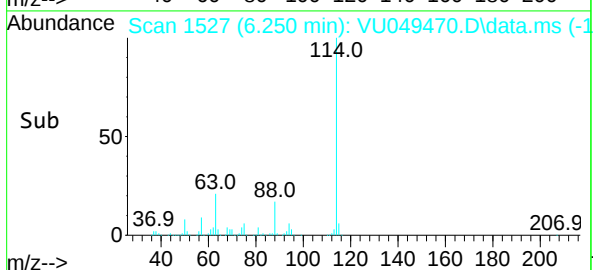
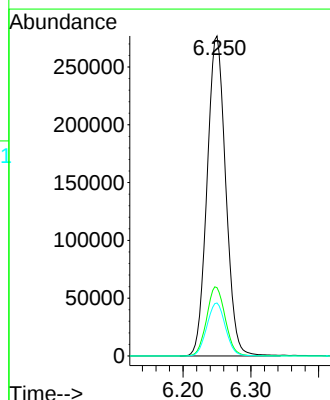
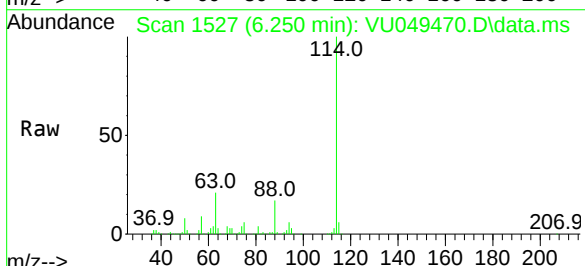
Tgt Ion: 114 Resp: 527739

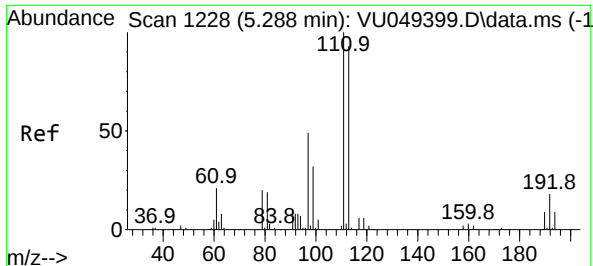
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

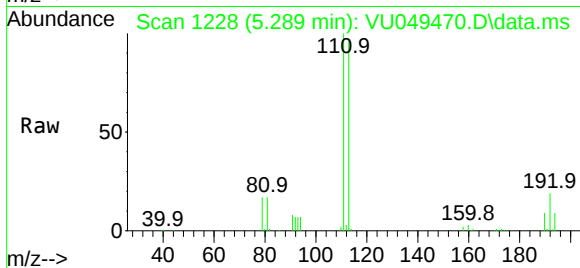
88 16.6 0.0 29.2



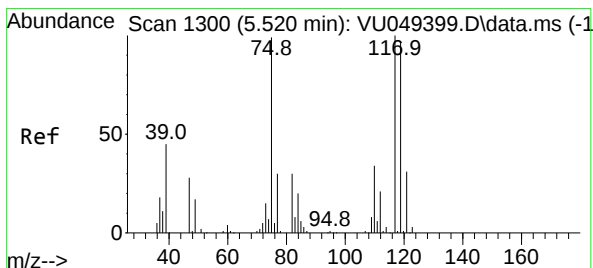
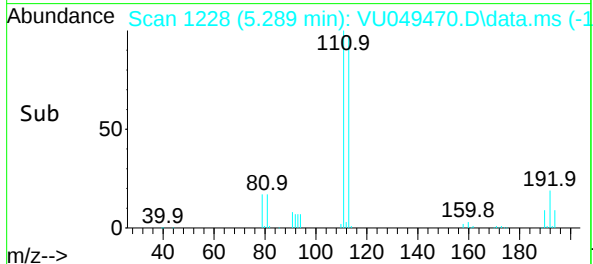
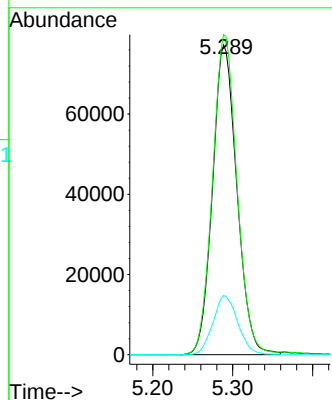


#35
Dibromofluoromethane
Concen: 44.311 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

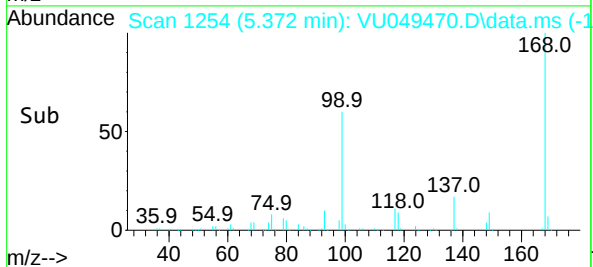
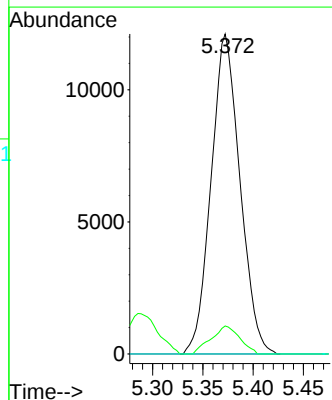
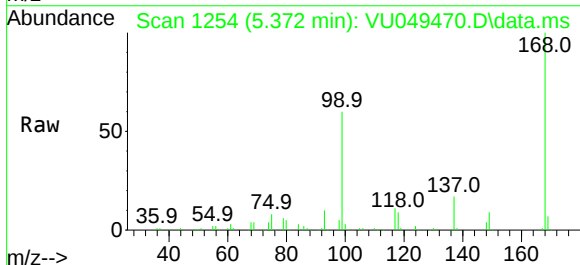


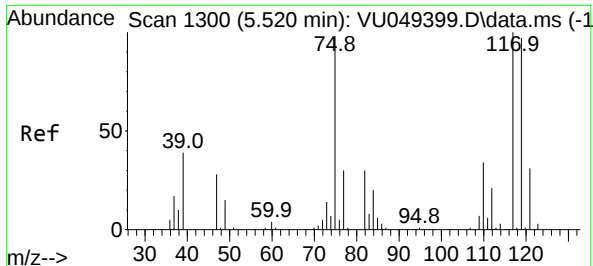
Tgt Ion:113 Resp: 163604
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 19.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.517 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 75 Resp: 24180
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 25.1 37.7#

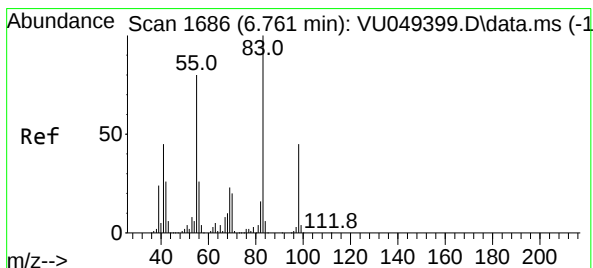
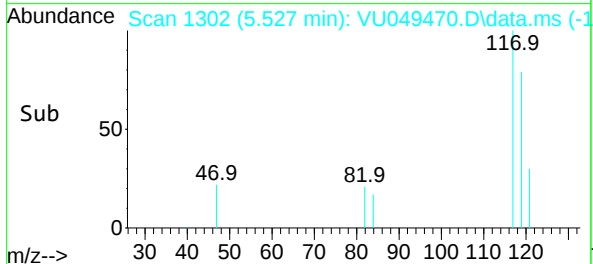
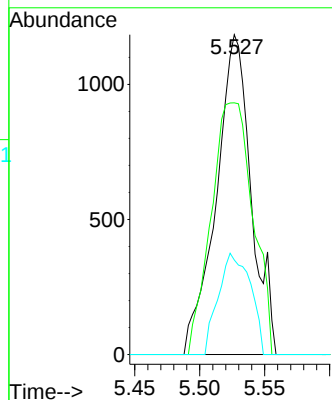
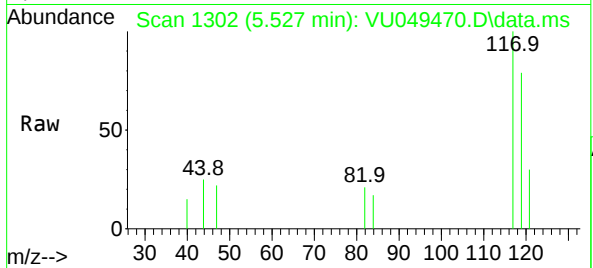




#38
Carbon Tetrachloride
Concen: 0.394 ug/l
RT: 5.527 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

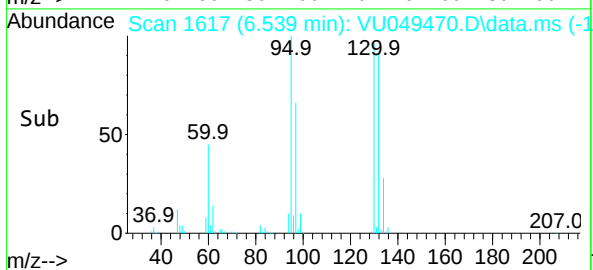
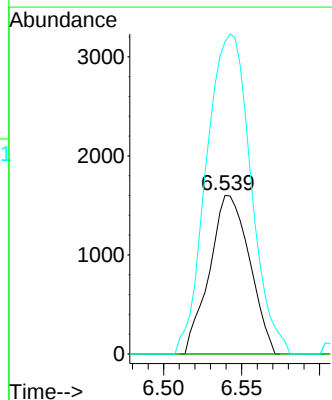
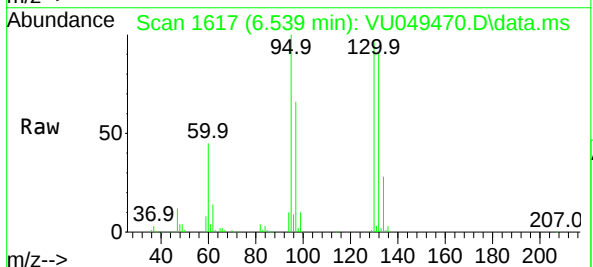
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

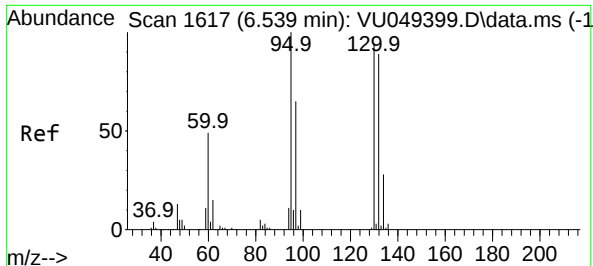
Tgt Ion:117 Resp: 2214
Ion Ratio Lower Upper
117 100
119 78.7 76.8 115.2
121 29.6 24.7 37.1



#39
Methylcyclohexane
Concen: 0.445 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.222 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 83 Resp: 2856
Ion Ratio Lower Upper
83 100
55 0.0 55.3 82.9#
98 186.7 37.3 55.9#

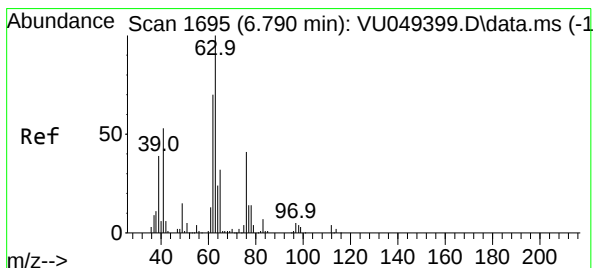
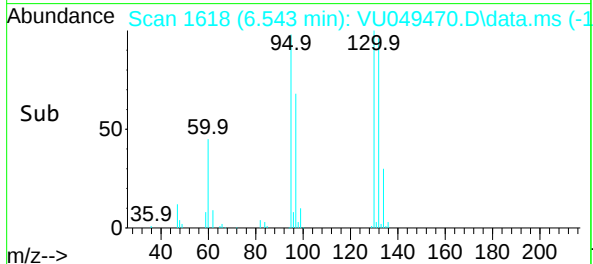
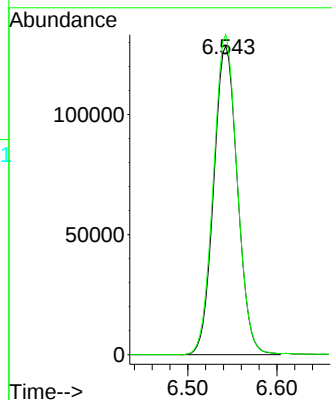
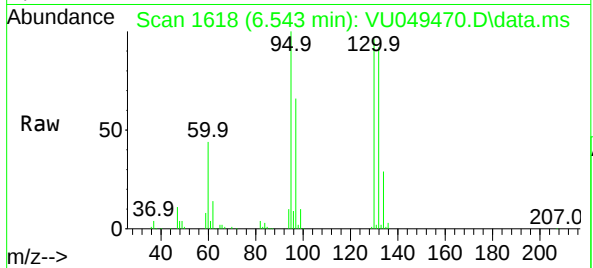




#44
Trichloroethene
Concen: 62.126 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

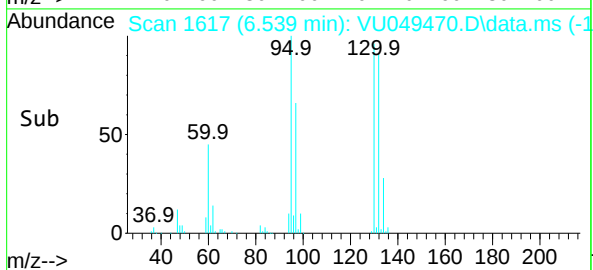
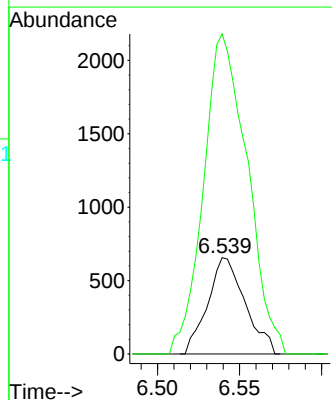
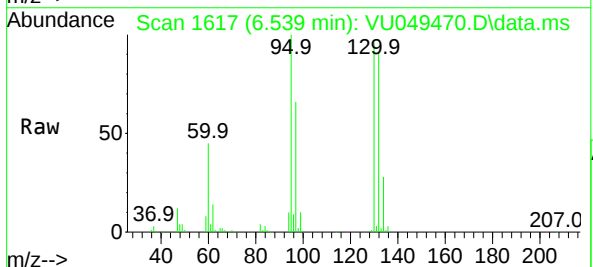
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

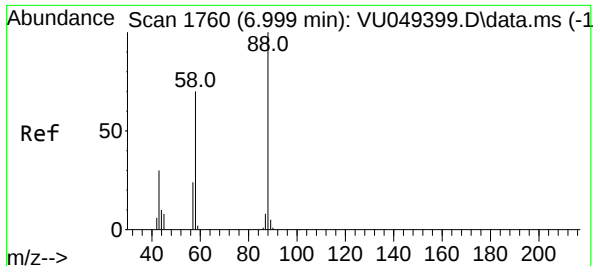
Tgt Ion:130 Resp: 238714
Ion Ratio Lower Upper
130 100
95 103.6 0.0 184.6



#45
1,2-Dichloropropane
Concen: 0.232 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.251 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 63 Resp: 1041
Ion Ratio Lower Upper
63 100
65 311.7 25.0 37.4#





#49

1,4-Dioxane

Concen: 9.674 ug/l

RT: 6.989 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU049470.D

Acq: 28 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622

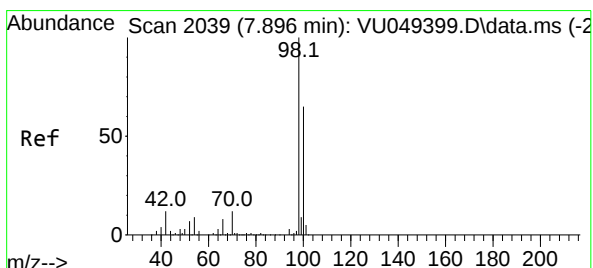
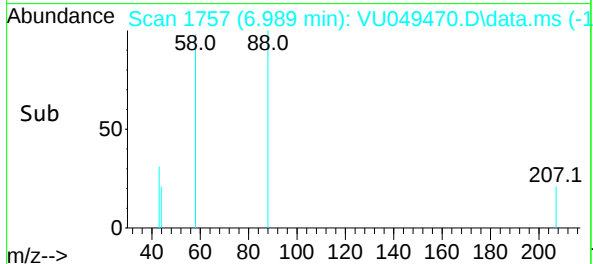
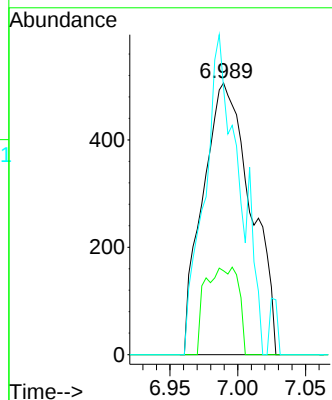
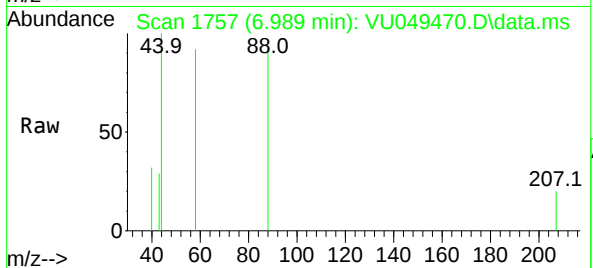
Tgt Ion: 88 Resp: 1245

Ion Ratio Lower Upper

88 100

43 22.2 0.0 0.0#

58 85.0 15.4 23.0#



#50

Toluene-d8

Concen: 47.864 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049470.D

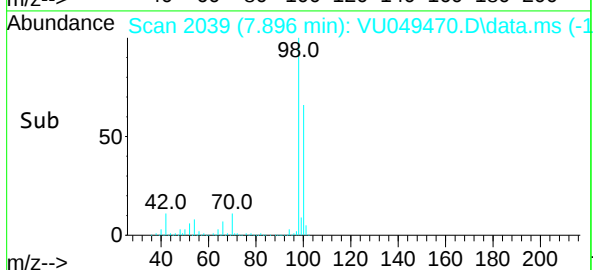
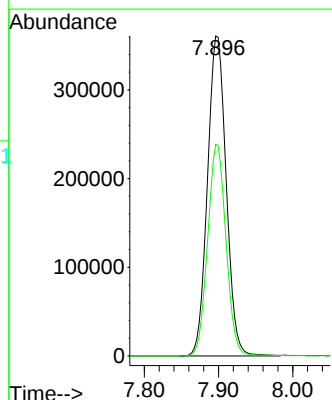
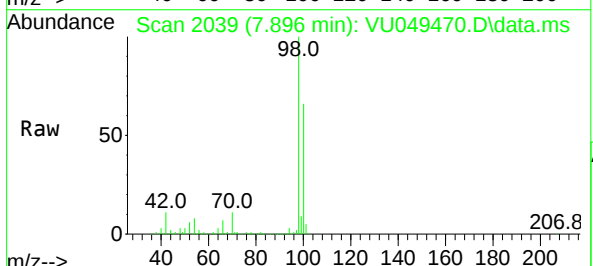
Acq: 28 Jun 2022 19:53

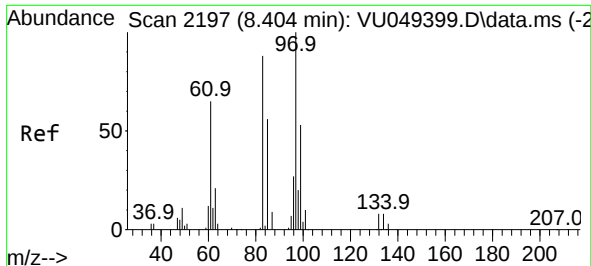
Tgt Ion: 98 Resp: 630322

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5

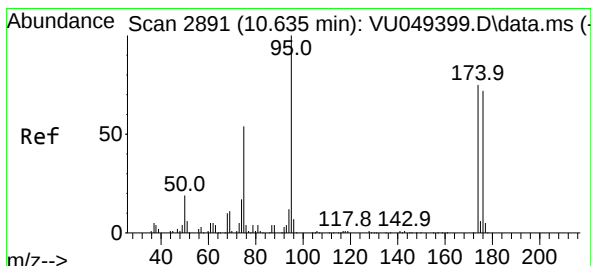
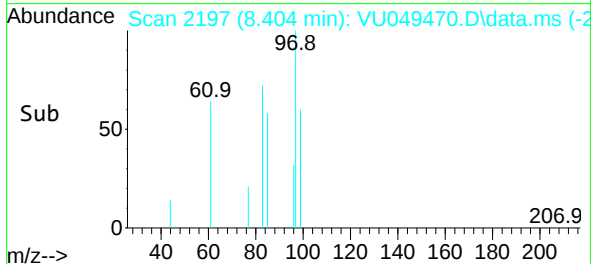
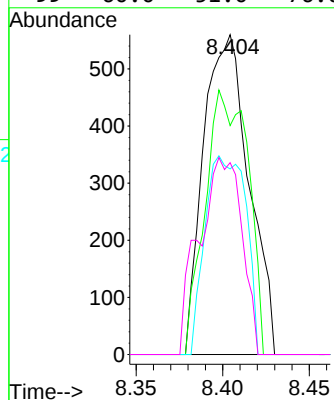
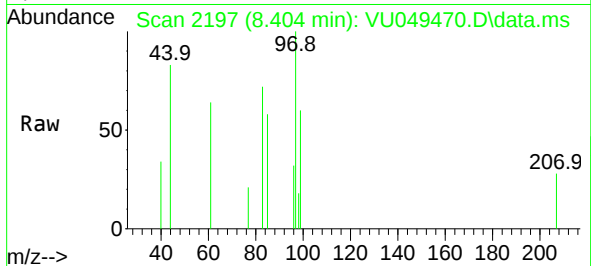




#55
1,1,2-Trichloroethane
Concen: 0.257 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

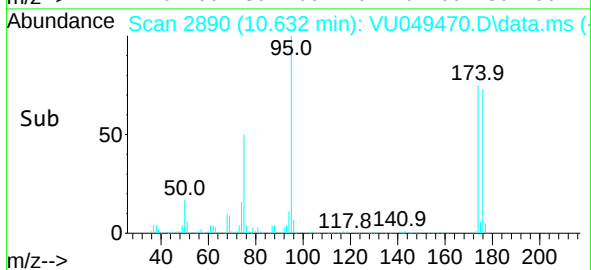
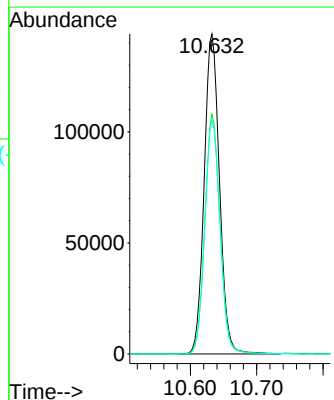
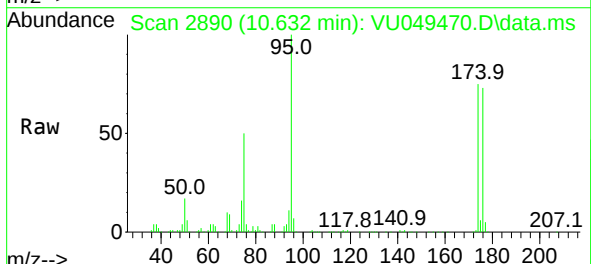
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

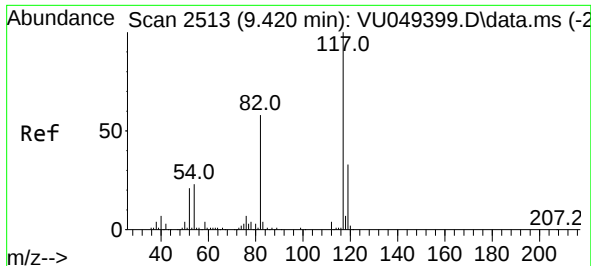
Tgt Ion: 97	Resp: 1021
Ion Ratio	Lower Upper
97 100	
83 71.6	70.2 105.4
85 58.0	44.6 66.8
99 60.0	51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.828 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 95	Resp: 231187
Ion Ratio	Lower Upper
95 100	
174 74.7	0.0 182.0
176 73.3	0.0 177.8

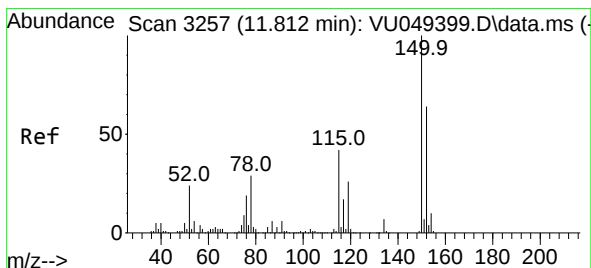
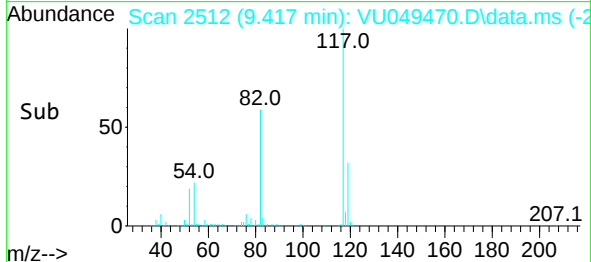
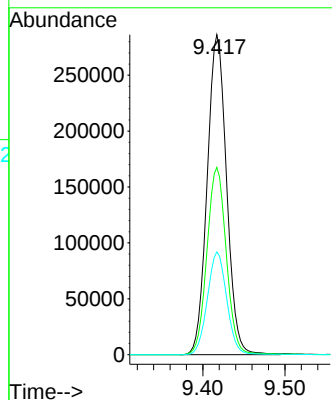
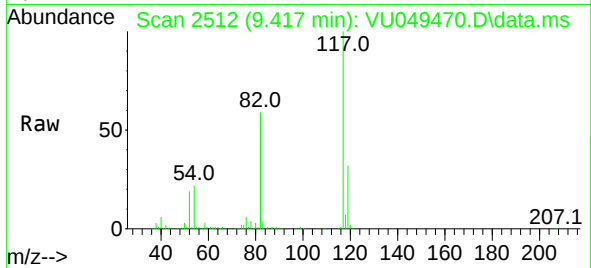




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

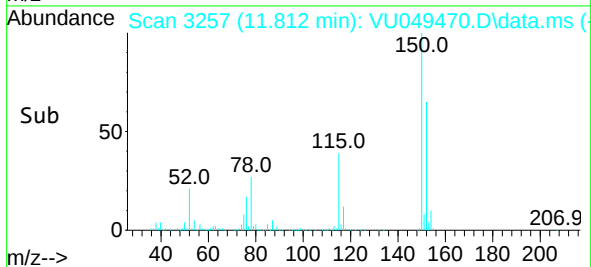
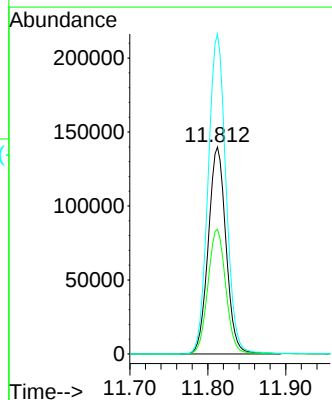
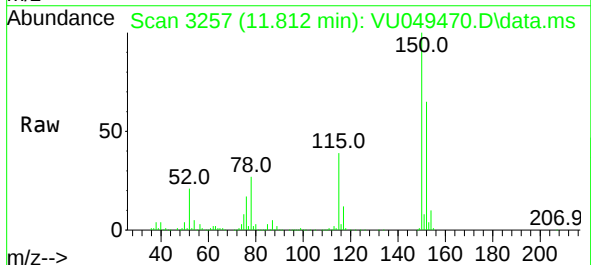
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

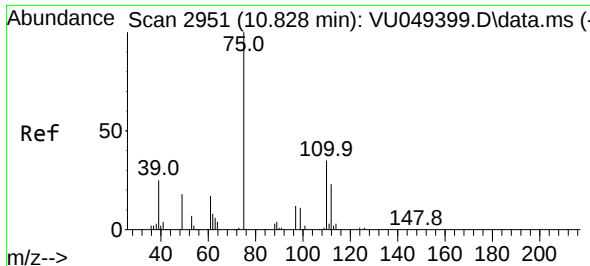
Tgt Ion:117 Resp: 471086
Ion Ratio Lower Upper
117 100
82 58.5 41.7 62.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion:152 Resp: 220980
Ion Ratio Lower Upper
152 100
115 60.7 37.0 110.9
150 156.1 0.0 342.2

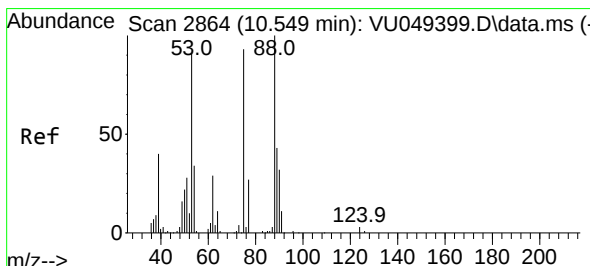
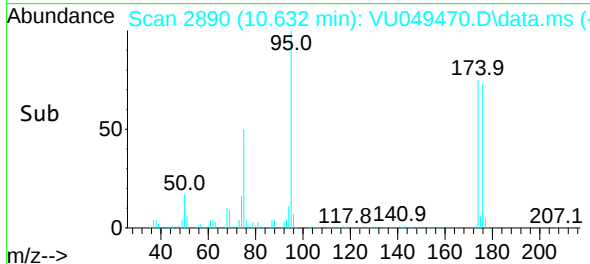
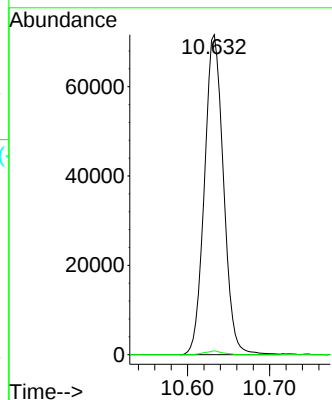
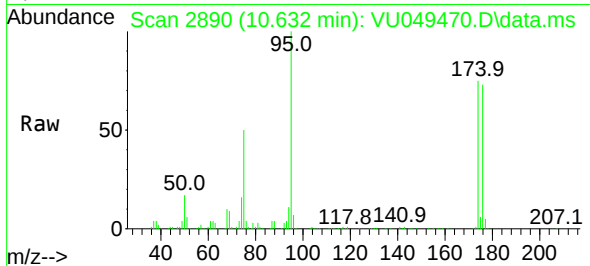




#76
1,2,3-Trichloropropane
Concen: 15.446 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

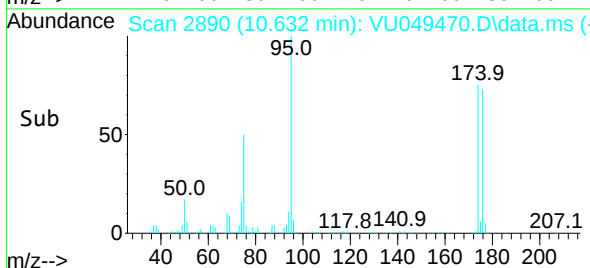
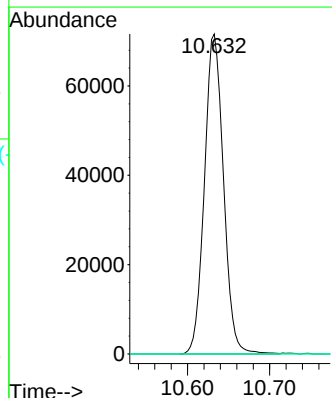
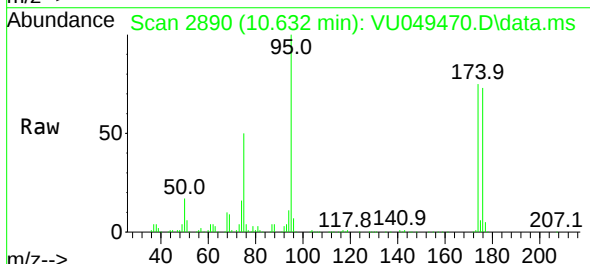
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

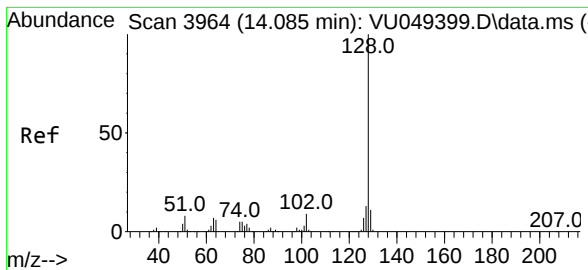
Tgt Ion: 75 Resp: 115705
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.040 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

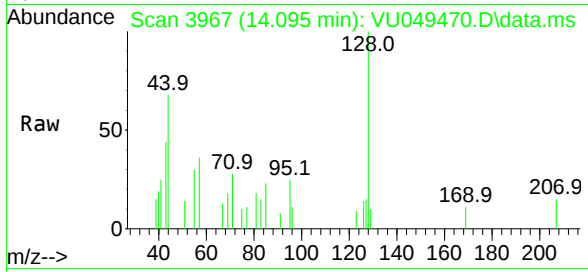
Tgt Ion: 75 Resp: 115705
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 1.877 ug/l
RT: 14.095 min Scan# 3964
Delta R.T. 0.010 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622



Tgt Ion:128 Resp: 2531
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5#
129 11.1 8.6 13.0

